



Docket No.: M4065.0703/P703  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Kristy A. Campbell, et al.

Examiner: Khanh Duong

Application No.: 09/943,187

Art Unit: 2822

Filed: August 29, 2001

Allowed: January 2, 2004

For: METHOD OF FORMING  
CHALCOGENIDE COMPRISING  
DEVICES AND METHOD OF  
FORMING A PROGRAMMABLE  
MEMORY CELL OF MEMORY  
CIRCUITRY

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)

FILED UNDER 37 C.F.R. § 1.97(D)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98, the attention of the Patent and Trademark Office is hereby directed to the reference listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. A copy of the reference on the PTO/SB/08 is attached.

In accordance with 37 C.F.R. §§ 1.97(d)(1) and 1.97(e)(2), I hereby certify that no item of information contained in this Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, no item of

04/06/2004 AWONDAF1 00000026 09943187

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information contained in this Supplemental Information Disclosure Statement was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this Supplemental Information Disclosure Statement.

In accordance with 37 C.F.R. §1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists. In accordance with 37 C.F.R. § 1.97(h), the filing of this Supplemental Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

Moreover, in accordance with 37 C.F.R. § 1.97(d)(2), a fee of \$180.00 is submitted concurrently with the filing of this Supplemental Information Disclosure Statement. The Director is also hereby authorized to charge any deficiency in fees asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm), to our Deposit Account No. 04-1073, under Order No. M4065.0703/P703. A duplicate copy of this paper is enclosed.

Dated: April 2, 2004

Respectfully submitted,

By 

Thomas J. D'Amico

Registration No.: 28,371

DICKSTEIN SHAPIRO MORIN &

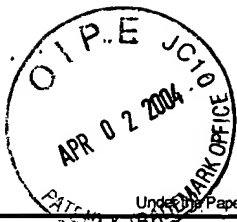
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PTO/SB/08a/b (08-03)  
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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/943,187-Conf. #8497
				Filing Date	August 29, 2001
				First Named Inventor	Kristy A. Campbell
				Art Unit	2822
				Examiner Name	Khanh Duong
Sheet	1	of	1	Attorney Docket Number	M4065.0703/P703

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

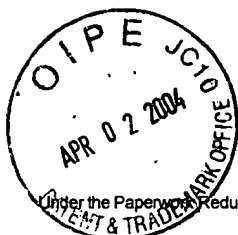
\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	YOJI KAWAMOTO, et al., "Ionic Conduction in As <sub>2</sub> S <sub>3</sub> -Ag <sub>2</sub> S, GeS <sub>2</sub> -GeS-Ag <sub>2</sub> S AND P <sub>2</sub> S <sub>5</sub> -Ag <sub>2</sub> S Glasses," Journal of Non-Crystalline Solids 20, pp. 393-404 (1976).	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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FEE TRANSMITTAL for FY 2004 <small>Effective 10/01/2003, Patent fees are subject to annual revision.</small>		Complete if Known	
		Application Number	09/943,187-Conf. #8497
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	August 29, 2001
		First Named Inventor	Kristy A. Campbell
		Examiner Name	Khanh Duong
TOTAL AMOUNT OF PAYMENT (\$)		180.00	Attorney Docket No. M4065.0703/P703
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)	
<input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None		3. ADDITIONAL FEES	
<input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 04-1073 Deposit Account Name: Dickstein Shapiro Morin & Oshinsky LLP		Large Entity Small Entity	
The Director is authorized to: (check all that apply)		Fee Code Fee (\$)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments		Fee Code Fee (\$)	
<input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s)		Fee Description	
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		Fee Paid	
1. BASIC FILING FEE		Large Entity Small Entity	
Fee Code Fee (\$)		Fee Code Fee (\$)	
Fee Description		Fee Paid	
1001 770 2001 385 Utility filing fee			
1002 340 2002 170 Design filing fee			
1003 530 2003 265 Plant filing fee			
1004 770 2004 385 Reissue filing fee			
1005 160 2005 80 Provisional filing fee			
SUBTOTAL (1) (\$)		0.00	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		Large Entity Small Entity	
Total Claims -- =		Fee Code Fee (\$)	
Independent Claims -- =		Fee Description	
Multiple Dependent		Fee Paid	
Large Entity Small Entity		Large Entity Small Entity	
Fee Code Fee (\$)		Fee Code Fee (\$)	
Fee Description		Fee Description	
1202 18 2202 9 Claims in excess of 20		1202 18 2202 9 Claims in excess of 20	
1201 86 2201 43 Independent claims in excess of 3		1201 86 2201 43 Independent claims in excess of 3	
1203 290 2203 145 Multiple dependent claim, if not paid		1203 290 2203 145 Multiple dependent claim, if not paid	
1204 86 2204 43 ** Reissue independent claims over original patent		1204 86 2204 43 ** Reissue independent claims over original patent	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent		1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)		0.00	
**or number previously paid, if greater; For Reissues, see above		SUBTOTAL (3) (\$)	
		180.00	
SUBMITTED BY		(Complete (if applicable))	
Name (Print/Type) Thomas J. D'Amico		Registration No. (Attorney/Agent) 28,371	
Signature		Telephone (202) 828-2232	
		Date April 2, 2004	